

GOVERNMENT OF INDIA
MINISTRY OF COAL

LOK SABHA
UNSTARRED QUESTION NO. 6137
TO BE ANSWERED ON 04.04.2018

Enhancing Quality and Production of Coal

6137. SHRI SATAV RAJEEV:
SHRI MOHITE PATIL VIJAYSINH SHANKARRAO:
SHRIMATI SUPRIYA SULE:
DR. HEENA VIJAYKUMAR GAVIT:
DR. J. JAYAVARDHAN:

Will the **MINISTER OF COAL** be pleased to state :

- (a) whether any research work is being carried out in Government institutes to enhance the quality and production of coal to the country,
- (b) if so, the details thereof along with the progress achieved including the number of personnel engaged in research/administration/services in these institutes,
- (c) whether the amount of investment on research and development in coal sector is adequate;
- (d) if so, the amount spent by the Government on these institutes during each of the last three years and the current year; and
- (e) whether the Government plans to enhance investment in research and development in the coal sector and if so, the details thereof?

ANSWER

MINISTER OF RAILWAYS AND COAL
(SHRI PIYUSH GOYAL)

(a) &(b): The following research works which have been carried out in Government institute / organization to enhance the quality and production of coal in the country:

- 1) Design of cost effective process flowsheet for improved washing efficiency of Indian Coking and Non-coking coals. (Implementing Agencies: IIT-ISM, Dhanbad, CMP Division, CMPDI(HQ), Ranchi and BCCL, Dhanbad). Date of Start: 17.04.2017 and Scheduled date of Completion: 16.07.2019. Under this project, literature survey has been completed.
- 2) Dry beneficiation of high ash Indian thermal coal. (Implementing Agencies: National Metallurgical Laboratory (NML), Jamshedpur, CMP Division, CMPDI(HQ), Ranchi and MCL, Sambalpur). Date of Start: 01.09.2017 and Scheduled date of Completion: 31.01.2019. Under this project, literature survey has been completed. Collected samples from MCL with more than 34% ash percentage will be analysed in the laboratory.
- 3) Design and Stability of Pillars/Arrays of Pillars for Different Mining Methods in Coal Mine Workings. (Implementing Agencies: Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, IIT-ISM, Dhanbad, CMPDI, Ranchi, South Eastern Coalfields Ltd. (SECL), Bilaspur, Bharat Coking Coal Ltd. (BCCL), Dhanbad and

Singareni Collieries Co. Ltd. (SCCL), Kothagudem). Date of Start: 16.03.2018 and Scheduled date of Completion: 15.03.2020.

(c): The amount of fund released for the research and development in coal sector is sufficient to meet the expenditure of the approved S&T projects. Details of funds received and expenditure incurred on R&D activities in mining sector by the Ministry of Coal & Coal India Limited during the last 3 years and the current year are as follows:

(Rs. in Crores)

| 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | |
|----------------|--------|----------------|--------|----------------|--------|----------------|--------------------------------|
| Funds received | Actual | Funds received | Actual | Funds received | Actual | Funds received | Actual |
| 32.84 | 29.68 | 24.25 | 22.47 | 34.90 | 24.04 | 63.04 | 70.74* (till 29.03.2018) |

*Utilizing unspent amount from the previous year

(d): Details of funds disbursed on S&T/R&D activities by MoC and CIL on the above Institutes/Organisations during the last 3 years and the current year are as follows:

(Rs. in Crores)

| Institutes/ Organisations | 2014-15 | 2015-16 | 2016-17 | 2017-18 |
|------------------------------|---------|---------|---------|---------|
| IIT-ISM | 0.80 | 2.30 | 7.83 | 42.40 |
| CIMFR | 7.35 | 2.25 | 3.18 | 4.37 |
| CMPDI | 6.05 | 5.91 | 3.47 | 1.30 |
| NML | Nil | Nil | Nil | 1.25 |

(e): Government has provided a budget of Rs 10 Cr under central sector scheme in 2018-19 in S&T against the expenditure of Rs 8.8.Cr in 2017-18.
